

## Index

**Notes:** Entries with (W) at the end of the text indicate a reference to a ProTrak Window by the displayed window title. Where the displayed window title includes a variable such as a date, a location or a record number, the variable has been omitted. See the explanation in the Introduction section of the manual.

A passenger car's first location.....	13-9
AAR Car Codes.....	L-83
Active staging .....	L-135
Adding a commodity .....	8-20
Adding an offline shipper .....	12-10
Adjacent zone switching .....	L-55
Adjusted weight.....	A-1
Administration .....	1-6
Clearance plate .....	1-7
Core segment notes .....	1-6
Default yard location .....	7-1
Definitions and terminology .....	1-9
Heaviest car allowed .....	1-7
Limits on Equipment, Railroad & Traffic .....	5-1, 7-6
Middle notes.....	1-6
Middle rail is .....	1-7
Middle subdivisions .....	1-8
Minimum Middle radius is.....	1-7
Model scale of railroad is .....	1-7
Name of core segment .....	1-6
Railroad timetable directions .....	1-6
Setting Operating Limits (W).....	5-1
SPOT Format and special SPOTs.....	7-1
Train jobs.....	5-1
Vertical clearance is based on clearance plate.....	1-7
All cars at industrial spurs (W) .....	10-11
Alternate symbol.....	L-64, L-66, L-130
Assigning passenger cars (W) .....	13-24
Assigning passenger cars to a train ..	13-23
Average grade between stations .....	2-7
Average grade on these tracks is .....	2-8
Backing up data .....	L-10
Bad order .....	L-39, L-92
Bad ordered cars .....	L-185
Base elevation above the floor .....	2-9

Base elevation above the floor (W) ..	2-9
Bearing .....	7-13
Bearing kind .....	7-13
B-end faces .....	7-14
Bill of Lading/Waybills (W).....	8-4, 10-7
Bill-of-lading .....	8-1
Blocking in a train .....	12-7, L-52, L-53
Branch line .....	L-22
Built date.....	7-13
Cabin .....	1-11
Caboose .....	1-11
Car blocking .....	L-52, L-53
Car class .....	7-12, 13-11
Car Distribution Report (W) .....	9-44
Car Factor .....	A-1
Car factor (on this grade) .....	2-8
Car kind .....	7-12, 13-11, L-84, L-85, L-101, L-102
Car length .....	L-76, L-109, L-135
Car number .....	7-12
Car number OK? (W).....	7-25
Car routing .....	9-9
Car service directive.....	L-91
Car Service Directives.....	8-1
Car weight.....	L-76, L-77, L-88
Car with invalid SPOT (W) .....	7-4
Car-order.....	8-1, 8-33, L-97, L-98, L-99, L-105, L-106, L-185
Car-Order Details (W) .....	8-38
Car-orders – Customers and Loading Points (W) .....	8-33, 10-1
Car-orders – passenger cars .....	13-41
Cars blocked at.....	6-3
Cars in train that just arrived (W).....	9-29
Cars Needed for Freight Traffic (W) .	9-46
Change Home Road (W).....	F-5
Change new staging track? (W) .....	3-2
Changed home railroad (W).....	1-5
Changing a yard (W).....	4-2, 5-16
Changing active car (W).....	13-11
Changing commodity (W) .....	8-22
Changing customer (W).....	6-2, 6-15, 12-11, 13-3
Changing railroad (W) .....	7-29
Changing staging track (W) .....	3-3
Changing Station 1 of... (W) .....	2-5
Changing train .....	L-70
Changing train (W) .....	5-4, 5-21, 12-19, 13-14

Charges.....	8-12
Classification Yard.....	A-2
Clean out track .....	L-37, L-41, L-42, L-43
Cleaning tank car (W) .....	12-8
Cleaning track.....	See Clean out track
Clearance plate.....	1-7, 7-13, A-1, A-2
Clearance point.....	2-4, A-2
Commodity or STCC? (W).....	8-8
comodity .....	12-10
Conductor’s train journal .....	1-11
Conductors Passenger Service Report.....	13-38
Connecting train .....	5-11
Consignee .....	8-5
Consignee city .....	8-10
Consignee company .....	8-9
Consignee is.....	7-14
Consignee siding number .....	8-10
Continuing in transit.....	8-12, 13-35, L-103, L-109
Core segment.....	A-2
Core segment notes.....	1-6
Correcting Siding SPOTs (W) .....	3-9
Create car-order? (W) .....	12-10
Creating string diagram (W) .....	12-41
Creating string diagram-Subdivisions in (W) .....	12-26, 12-27
Current Trains in Line-up, as of (W) .....	9-19, 10-4
Customer capacity .....	L-32
Customer deletion.....	6-25
Customer with multiple entries.....	6-10
Customers.....	6-1, L-25
Customers and Loading Points (W) ..	6-1, 13-2
Cutlist .....	9-1, 9-30, L-158, L-162, L-164, L-172
Daily Summary and Update (W).....	9-41
Data backup .....	L-10, L-18
Default location for passenger cars ..	13-5
Default yard .....	7-1, L-20
Defining a switchlist .....	9-2
Defining a Switchlist (W) .....	9-2
Definitions and terminology .....	1-9
Cabin .....	1-11
Caboose.....	1-11
Conductor’s train journal.....	1-11
SPOT .....	1-10
Switching zone.....	1-10
Switchlist.....	1-11
Workorder .....	1-11

Yardmaster's switchlist .....	1-11
Definitions and Terminology (W).....	1-10
Delete car data only .....	7-26
Delete car slot .....	7-26
Delete schedule (W).....	12-42
Delete subdivision .....	2-13
Deleting a car .....	7-26
Deleting a Car (W) .....	7-26
Deleting a subdivision (W).....	2-14
Deleting a train .....	L-66
Deleting a train from the ProTrak Scheduler .....	12-42
Deleting customer (W) .....	6-25
Deleting Items, Compacting Files (W) .....	5-2
Deleting staging track (W).....	3-11, 3-12
Demurrage free time.....	8-12, L-33
Demurrage time.....	See Demurrage free time
Departure Time (W).....	5-22
Distance between clearance points... ..	2-6, 2-7
Double reporting .....	10-10, L-166, L-167, L-200
Double track .....	L-23
Elevation .....	2-7, 2-8
Embargoed.....	L-35
Equated weight.....	A-3
Equipment exits staging as train .....	5-12
Era, Date & Minimum Rates (W) .....	9-15
Estimated ridership .....	6-16
Exit operations session? (W).....	9-14
Extra train .....	L-61, L-64
Facing point switch.....	6-3, 6-10, 12-4, A-6, L-29, L-31, L-203, L-204
Fast clock ratio .....	2-2, 2-13
Fast clock settings.....	2-1
Fast Clock Settings (W) .....	2-2
Fill car? (W).....	12-13
Fill to load .....	L-108
Financial Summary (W) .....	9-16
Finding a Commodity or Lading (W) . .....	8-20
Found out-of-date waybill (W) .....	3-11
From previous station.....	2-6
Gateway railroad connection required (W).....	9-10
Gateways .....	3-14, A-3, E-7
General Manager's Daily Summary (W) .....	9-44
Has car been weighed? (W).....	12-13
Hazardous material .....	12-9, L-96
HazMat.....	See Hazardous material

Heaviest car allowed .....	1-7
Home road via connection .....	<i>See Return Empty To</i>
Hotbox .....	L-90, L-92
Hotbox detector .....	12-44
Hotbox Detector (W) .....	12-44
Icing track .....	L-39
Idler car .....	L-89, L-94
Import Home Railroad (W) .....	F-4
Importing car data .....	7-28, L-75
Inside length .....	8-10, 8-11, L-109, L-113
Interchange track .....	L-44, L-45, L-46
Interval .....	2-4, A-3, A-5
Invalid car-order (W) .....	8-39
Invalid SPOT .....	7-8
Job extra .....	L-64, L-65
Largest minimum radius .....	L-20
Length over couplers .....	7-12
Light weight .....	7-13
Limits on Equipment, Railroad & Traffic .....	5-1, 7-6
Line-up .....	5-7, L-47, L-49, L-68, L-69
Line-up of trains .....	<i>See Line-up</i>
Line-up of Trains for (W) .....	5-8
Listing of train jobs (W) .....	13-14
Liveload .....	8-10, 8-11, A-4, L-88, L-100, L-106
Load restricted to .....	7-13
Load, removable .....	<i>See Liveload</i>
Load/Commodity .....	8-10
Loading railroad data (W) .....	9-12, 10-3
Loading/Unloading time .....	L-33
Local customer switching .....	L-55
Location of car .....	7-14
Long lists .....	6-5, L-14
Lost data .....	L-10
Make this shipment .....	8-12
Middle characteristics (W) .....	1-6
Middle notes .....	1-6
Middle rail is .....	1-7
Middle subdivisions .....	1-8
Milepost .....	2-12, L-21
Minimum Middle radius is .....	1-7
Minimum radius .....	L-20
Minimum siding length .....	2-4
Minimum Siding Length (W) .....	2-4
Model car is owned by .....	7-14

Model last inspected on .....	7-14
Model scale of railroad is .....	1-7
Move station .....	2-10, 2-11
Moving a station (W) .....	2-11
Multiple new cars .....	7-16
Multiple new cars (W) .....	7-17
Multiple SPOTs.....	L-24, L-27
Name of core segment .....	1-6
Named point.....	2-6
Naming Middle Subdivisions (W) .....	1-9
New home railroad.....	1-1
New home railroad (W) .....	1-1
New schedule (W).....	12-43
New train lineup needed.....	9-8
Not in service.....	L-77
Off line customer .....	L-25
Official Guide & Railway Line Clearances... (W) .....	7-30
Official Railway Equipment Register . .....	A-4
Offline Connections – Staging Tracks (W).....	3-1
Offline Shippers & Consignees (W)... .....	8-3
Open this train at (W) .....	9-26, 10-12
Operate on another railroad (W) .....	1-4
Operate on another Railroad (W) .....	F-5
Operating year.....	1-3
Operations Pre-processor (W).....	9-9
Ordered car kind.....	8-10, 13-32
ORER .....	See Official Railway Equipment Register
Origin station.....	5-5
Orphaned cars (W) .....	3-13
Orphaned waybills (W) .....	3-13
Other services.....	2-8
Overhead traffic.....	L-131, L-132
Paired sidings .....	L-28
Passenger car car-orders.....	13-41
Passenger car kind.....	13-11
Passenger car waybills .....	13-31, 13-32
Passenger cars.....	13-10
Passenger cars default location.....	13-5
Passenger ops switchlist.....	13-38
Passenger service .....	13-15
Passenger service waybill .....	13-32
Passenger Service waybill (W) .....	13-33
Passenger station.....	6-14
Perishable handling .....	8-12

Permanent deletion (W) .....	7-27
Plate .....	See Clearance plate
Population served .....	6-16
Printers at Stations (W) .....	9-3
Printing (W).....	9-49
Printing freight/MOW cars (W).....	9-49
Printing schedules and string diagrams.....	13-25
Printing Train Schedules (W) .....	13-26
Private owner .....	L-72
Program options settings.....	1-9
Long lists.....	6-5
ProTrak Program Options (W).....	6-5
ProTrak Windows	
All cars at industrial spurs.....	10-11
Assigning passenger cars.....	13-24
Base elevation above the floor .....	2-9
Bill of Lading/Waybills.....	8-4, 10-7
Car Distribution Report .....	9-44
Car number OK? .....	7-25
Car with invalid SPOT .....	7-4
Car-Order Details .....	8-38
Car-orders – Customers and Loading Points .....	8-33, 10-1
Cars in train that just arrived.....	9-29
Cars Needed for Freight Traffic.....	9-46
Change Home Road .....	F-5
Change new staging track?.....	3-2
Changed home another railroad .....	1-5
Changing a yard.....	4-2, 5-16
Changing active car.....	13-11
Changing commodity.....	8-22
Changing customer .....	12-11
Changing customer .....	6-2, 6-15
Changing customer .....	13-3
Changing Railroad.....	7-29
Changing staging track.....	3-3
Changing station 1 of.....	2-5
Changing train .....	5-4, 5-21, 12-19, 13-14
Cleaning tank car .....	12-8
Commodity or STCC?.....	8-8
Correcting Siding SPOTs .....	3-9
Create car-order? .....	12-10
Creating string diagram .....	12-41
Creating string diagram-Subdivisions in.....	12-26, 12-27
Current Trains in Line-up, as of .....	9-19, 10-4
Customers and Loading Points .....	6-1, 13-2
Daily Summary and Update.....	9-41
Defining a Switchlist.....	9-2

Definitions and Terminology.....	1-10
Delete schedule .....	12-42
Deleting a Car.....	7-26
Deleting a subdivision.....	2-14
Deleting customer .....	6-25
Deleting Items, Compacting Files.....	5-2
Deleting staging track.....	3-11, 3-12
Departure Time.....	5-22
Era, Date & Minimum Rates .....	9-15
Exit operations session?.....	9-14
Fast Clock Settings.....	2-2
Fill car? .....	12-13
Financial Summary .....	9-16
Finding a Commodity or Lading .....	8-20
Found out-of-date waybill .....	3-11
Gateway railroad connection required .....	9-10
General Manager’s Daily Summary.....	9-44
Has car been weighed?.....	12-13
Hotbox Detector.....	12-44
Import Home Railroad .....	F-4
Invalid car-order .....	8-39
Line-up of Trains for.....	5-8
Listing of train jobs .....	13-14
Loading railroad data.....	9-12, 10-3
Middle characteristics .....	1-6
Minimum Siding Length .....	2-4
Moving a station .....	2-11
Multiple new cars .....	7-17
Naming Middle Subdivisions .....	1-9
New home railroad.....	1-1
New schedule .....	12-43
Official Guide & Railway Line Clearances .....	7-30
Offline Connections – Staging Tracks.....	3-1
Offline Shippers and Consignees.....	8-3
Open this train at.....	9-26, 10-12
Operate on another railroad .....	1-4
Operate on another Railroad .....	F-5
Operations Pre-processor.....	9-9
Orphaned cars .....	3-13
Orphaned waybills.....	3-13
Passenger Service waybill .....	13-33
Permanent deletion .....	7-27
Printers at Stations.....	9-3
Printing .....	9-49
Printing freight/MOW cars.....	9-49
Printing Train Schedules .....	13-26
ProTrak Program Options.....	6-5
PXXX.....	13



Quick Traffic – Overhead Traffic Car-orders for Home Region Empties.....	I-6
Reporting movements .....	9-25
Resetting Session Number .....	9-16
Rolling stock (Cars) .....	7-4, 7-5, 13-10
Rule 15 – Agency Record of a Shipper’s Request for Cars .....	8-35
Rule 15 Record of Car-Orders.....	8-34, 10-2, 13-42
Save Subdivision Notes.....	1-8
Scales, Rip, and Clean out tracks.....	6-12
Session Windup – Special Car Movements .....	10-13
Setting Operating Limits .....	5-1, 7-7
Setting Trains - Listing.....	5-4
Settings in use!.....	7-2
Shipping Season .....	12-14
Some trains do not run today.....	5-8
Sort commodity files now? .....	8-23
SPOT or ZTS (Zone/Track/Spot) Code Formats .....	7-2, 13-9
Start-up Car-orders for Customers and Loading Points .....	I-1
Start-up car-orders for online customers .....	I-2
Station on core segment of Middle.....	2-4
Switchlist Preview .....	9-34, 13-46
Today’s Operating Conditions.....	9-17
Too many Secondary Switching Trains – Data outdated.....	6-26
Track material waybill.....	10-8
Train schedules.....	12-35, 12-36
Uniform Bill of Lading .....	8-6, 13-32
Updating siding numbers .....	3-9
Which staging did train enter .....	9-39
Which state or province? .....	3-4, 8-19
Which subdivision? .....	2-13, 12-26
Work Notes for Work Location.....	13-47
Working scale?.....	6-13
Yards and Interchanges.....	4-1, 5-15
PXXX (W) .....	13
Quality .....	7-13
Quick Traffic – Overhead Traffic Car-orders for Home Region Empties (W).....	I-6
Railroad timetable directions.....	1-6
Reciprocal switching.....	2-8
Reclassification yard.....	A-5
Region .....	1-3, A-5, L-126, L-189
Removable load .....	See Liveload
Reporting marks .....	7-12
Reporting movements (W).....	9-25
Reporting point.....	5-14, 6-26, 9-25, 10-10, 12-18, A-7, L-47, L-53, L-55
Reporting prior to printing switchlist. ....	9-24, L-168
Reserved waybills .....	8-1
Reset hours .....	1-9
Resetting Session Number (W) .....	9-16

Restrictions on use.....7-13

Return empty to ..... 7-10, 7-13

RIP track ..... L-42

Rolling resistance.....7-14

Rolling stock (Cars) (W) ..... 7-4, 7-5, 13-10

Route cars at yards & customers..... 13-40

Rule 15 – Agency Record of a Shipper’s Request for Cars (W) .....8-35

Rule 15 Record of Car-Orders (W).... 8-34, 10-2, 13-42

Save Subdivision Notes (W).....1-8

Scaled weight .....8-10

Scales, Rip, and Clean out tracks (W).....6-12

Scheduling..... 11-7, 12-23, 13-18, L-57

Schematic diagram.....2-15

Schematic map .....2-15

Second section ..... L-64

Services.....2-8

Session Windup – Special Car Movements (W)..... 10-13

Setting Operating Limits (W) .....5-1, 7-7

Settings in use! (W) .....7-2

Ship during months.....8-12

Shipper .....8-5

Shipper city .....8-9

Shipper company .....8-7

Shipper siding number .....8-9

Shippers routing .....8-12

Shipping options .....8-5

Shipping Season (W)..... 12-14

Show ... by commodity.....8-8

Siding capacity..... L-32

Siding name/commodity ..... 6-10, 13-6, L-28

Siding SPOT.....6-19

Some trains do not run today (W).... 5-8

Sort commodity files now? (W) .....8-23

Special siding names .....13-7

SPOT.....1-10

SPOT Format and special SPOTs .....7-1

Spot length..... L-24

SPOT or ZTS (Zone/Track/Spot) Code Formats (W).....13-9

SPOT or ZTS (Zone/Track/Spot) Code Formats (W)..... 7-2, L-25

SPOTs, multiple ..... L-24, L-27

Staging track..... 2-3, 3-1, 5-4, L-46, L-121, L-122, L-123, L-126, L-189

Standard Transportation Commodity Code.....6-20, 12-9, *See* STCC

Start-up Car-orders for Customers and Loading Points (W)..... I-1

Start-up car-orders for online customers (W)..... I-2

Station numbers .....	L-21
Stations.....	2-3
Stations on core segment of Middle (W) .....	2-4
STCC.....	L-95, L-96, <i>See also</i> Standard Transportation Commodity Code
String diagram .....	11-12, 12-23, 12-25, 13-18, L-21, L-63
Stringlining .....	8-11, A-6
Subdivision .....	2-6, A-6, L-22
Switching blocks .....	6-10
Switching railroad .....	6-2
Switching train.....	5-20, 6-3
Switching zone.....	1-10, L-52
Switchlist.....	1-11, 9-1, 9-18, 9-27, 13-38, L-156, L-163, L-201
Switchlist – passenger ops.....	13-38
Switchlist Preview (W).....	9-34, 13-46
System road .....	L-72, L-74
Targeted Waybill.....	L-116
Team track.....	L-35
Terminal station.....	5-5
Test for possible cars for this shipment .....	8-9, 8-13
Through traffic trains .....	5-3
Timetable .....	11-7, 12-23, L-57
Timetable scheduling .....	12-35
Today’s Operating Conditions (W)....	9-17
Tombstone data.....	1-1
Too many Secondary Switching Trains – Data outdated (W).....	6-26
Tool tip .....	1-7, A-6
Track material waybill .....	10-8
Tracks under DS control .....	2-7
Traffic .....	13-14
Traffic - passenger service.....	13-15
Trailing point switch .....	6-3, 12-4, A-6, L-29, L-31
Train class .....	L-63
Train consist list.....	L-163
Train direction .....	L-60, L-67
Train jobs.....	5-1, L-69
Train length limit.....	L-49, L-50, L-51, L-62
Train reporting location .....	5-14, 6-26, 10-10, 12-18, A-7
Train schedule .....	L-71
Train schedules (W).....	12-35, 12-36
Train switching zone .....	A-7
Train symbol/number .....	5-4, L-70
Trains - Listing (W) .....	5-4
tt .....	<i>See tool tip</i>
Turn.....	5-20

UMLER Car Codes ..... L-83

Uniform Bill of Lading (W) ..... 8-6, 13-32

Update ..... L-15, L-18

Updating siding numbers (W) ..... 3-9

Vertical clearance is based on clearance plate..... 1-7

Volume..... 8-10

Waybill ..... 7-14, 8-1, 8-2, L-97, L-99, L-106

Waybills - passenger cars ..... 13-31

Weigh scales ..... 6-11, L-82, L-175

Weight of model ..... 7-14

Which staging did train enter (W) .... 9-39

Which state or province? (W)..... 3-4, 8-19

Which subdivision? (W) ..... 2-13, 12-26

Windows by Name ..... *See ProTrak Windows*

Work notes..... 13-45

Work Notes for Work Location (W)... 13-47

Working scale? (W)..... 6-13

Working weigh scale ..... 6-13

Worklist..... L-201

Workorder ..... 1-11, L-156, L-164

y track..... L-47, L-55, L-57, L-180, L-181, L-183

Yard blocking..... 5-5, 5-22, L-23

Yard information system..... 4-3

Yardmaster’s switchlist ..... 1-11

Yards ..... 4-1

Yards and Interchanges (W)..... 4-1, 5-15

Zone code ..... 2-6, A-7

Zone printing..... 9-1

Zone speed limit ..... 2-6, 12-22

Zone/Track/Spot..... 7-3

ZTS..... *See Zone/Track/Spot*

